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(54) Title: **NON-ANDROGEN DEPENDENT ROLES FOR ANDROGEN RECEPTOR AND NON-ANDROGEN RELATED INHIBITORS OF ANDROGEN RECEPTOR**

(57) Abstract: Disclosed are compositions and methods for modulating AR activity, such as non-androgen dependent AR activity. Also disclosed are compositions and methods for diagnosing breast cancer and for inhibiting breast cancer growth. In addition, disclosed are methods for identifying molecules that inhibit AR in non-androgen dependent ways.

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